

## Sample SAS Code to Change the Longitudinal Research Files from Person-Record Format to Person-Month Format for Panels Prior to 1996

```
Data pmonth
  (keep =
   pp_id
   pp_entry
   pp_pnum
   refmth
   wave
   age
   totinc
   rename =
     (pp_id = suid
      pp_entry = entry
      pp_pnum = pnum
    )
  );
/*
  this example works with the 1993 SIPP panel - 10 waves
*/
set sipp93fp
  (keep =
   pp_id
   pp_entry
   pp_pnum
   pp_mis1 - pp_mis40
   agel - age40
   totincl - totinc40
  );
/*
  define arrays to ease the programming burden
*/
array ages {40} agel - age40;
array totincs {40} totincl - totinc40;
array pp_mis {40} pp_mis1 - pp_mis40;

do i = 1 to 40;                      /* for each month */
  if (pp_mis{i} eq 1) then do; /* if pp_mis is 1, use the data */
    age = ages{i};           /* the age in this month */
    totinc = totincs{i};      /* total income this month */

    j = mod(i,4);
    if (j eq 0) then refmth = 4; /* the reference month */
    else refmth = j;

    wave = ceil(i/4);          /* the wave */
    output;                   /* write out the record */
  end;
end;
run;
```